

App. No.: 10/690,946
Art Unit: 2836

REMARKS

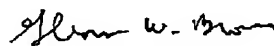
The Office Action mailed April 19, 2006 required restriction to one of the following groups of claims:

- I. Claims 1-18; and
- II. Claims 19-20.

Applicants wish to elect Group I, directed to claims 1-18, without traverse. In order to expedite prosecution, non-elected claims 19-20 are canceled without prejudice, disclaimer, or waiver in the foregoing amendments. Applicants reserve the right to file the non-elected claims 19-20 in a divisional application if desired. Claims 21-22, added in the present amendment, depend from independent claim 1 and are believed to further define the threshold detection circuit.

In light of the foregoing amendments and for at least the reasons set forth above, Applicant respectfully submits that the restriction requirement has been rendered moot and/or accommodated. Favorable consideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned at (770) 933-9500.

Respectfully submitted,



Glenn W. Brown
Reg. No. 51,310

**THOMAS, KAYDEN,
HORSTEMEYER & RISLEY, L.L.P.**
Suite 1750
100 Galleria Parkway N.W.
Atlanta, Georgia 30339
(770) 933-9500